

Yellow floating heart

Nymphoides peltata (S. Gmelin) Kuntze

Menyanthaceae Family

NOXIOUS WEED- NOT REQUIRED CONTROL IN STEVENS COUNTY

Identification

- Heart-shaped floating leaves have wavy margins and are purplish underneath
- Showy, yellow, 5-petaled flowers on stalks that rise a few inches above leaves and water surface
- Two to five flowers arise from each flower stalk
- Flower petals are distinctly fringed along edges

- A perennial aquatic plant reproducing by seeds and new stolons; broken off leaves with part of a stem attached can also form new plants
- Can form very dense patches, excluding natives species and creating stagnant areas
- Prefers slow moving rivers, lakes, reservoirs and ponds
- Native to Eurasia and the Mediterranean region
- Introduced as an ornamental water plant



The only known infestation in WA is on the Stevens County border with Spokane in Lake Spokane



Left photo, Lake Spokane summer 2010



Control

Prevention- Learn to identify plants; don't transplant these to your home pond or waterfront shorelines; research nursery and catalogue specimens before buying

Biological- None known at this time

Cultural- Healthy native plant communities help reduce likelihood of establishment but don't stop it

Mechanical- Cutting, harvesting, covering with bottom barrier materials should work
Chemical- Aquatic glyphosate products may work-permits and special licenses required through the Department of Ecology

Bottom photo-Lake Spokane, southern Stevens County, summer 1999



Herbicide Information: refer to the [PNW Weed Management Handbook](#) and the [Department of Ecology site](#) for more information about the weed, permits and control options

Read and follow all label instructions when applying herbicides; your site must be on label but your weed doesn't have to be. Trade names have been used to simplify instructions and no endorsement or warranty is expressed or implied. Some are restricted use and require a license.